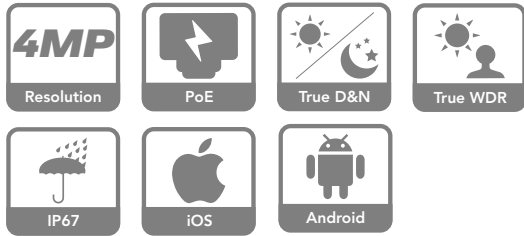


AVC-KNN41FT/2.8

4MP H.265 NETWORK IR DOME CAMERA



4MP H.265 NETWORK IR DOME CAMERA

4MP H.265 NETWORK IR DOME CAMERA WITH HD OVER COAX FEATURES

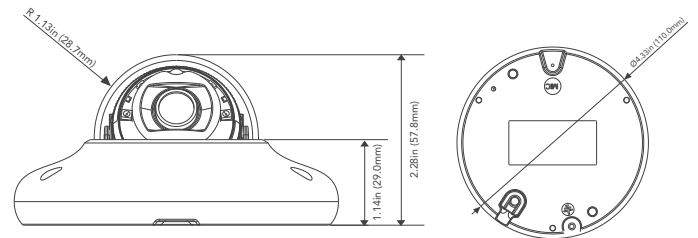
The AVC-KNN41FT/2.8 is a 4MP H.265 Network IR Dome Camera with a maximum resolution of 4MP and a fixed 2.8mm Iris lens. With Smart IR Illumination, this camera can view a distance of up to 33ft. at night time and provide true day/night mode with ICR. Some additional features include Defogging Capabilities, ROI Encoding, PoE support, and a microSD memory card slot of up to 256GB for standalone recording applications. The AVC-KNN41FT/2.8 is equipped with a smart alarm that includes motion features and an multi-application remote monitoring system that supports browser, mobile, and CVMS monitoring.

FUNCTIONS

- H.265 Main Profile Video Compression
- Maximum Resolution: 2592 x 1520
- 4MP (2592 x 1520) Full Real Time Coding
- Smart IR Illumination Up to 33ft.
- True Day/Night ICR Auto Switch
- 3D DNR, True WDR, HLC & BLC
- Supports Defog
- Supports ROI Encoding
- Smart Alarm with Motion Features
- Supports Local CVBS Video Output / Analog Video Output
- Local Micro SD Card Slot Up to 256GB
- Supports Triple Streams
- P2P Remote Connection Function
- Supports Monitoring by Smart Phones, iPad, and Remote Monitoring
- DC12V ($\pm 10\%$) / PoE (802.3af) <3.5W (IR ON)

DIMENSIONS

Unit : inch (mm)



OPTIONAL ACCESSORIES



AVM-EWMTS-W-TL1

AVC-KNN41FT/2.8

4MP H.265 NETWORK IR DOME CAMERA

SPECIFICATIONS

CAMERA											
Image Sensor	1/3" Progressive Scan CMOS										
Image Size	2592 x 1520										
Shutter Speed	1/2s to 1/100,000s										
Iris Type	Fixed Iris										
Min. Illumination	Color: 0.005 lux @ F1.6(AGC ON); BW: 0 lux with IR										
IR Distance	Up to 65ft										
Lens	Fixed 2.8mm @ F1.6 Horizontal FoV: 95.3° Vertical FoV: 53.2° Diagonal FoV: 100.7°										
Focus	Fixed										
Lens Mount	M12										
Day & Night	ICR										
Wide Dynamic Range	120dB										
Digital NR	3D DNR										
Backlight Compensation (BLC)	Yes										
Highlight Compensation (HLC)	Yes										
Defog	Yes										
S/N Ratio	≥50dB										
Angle Adjustment	Pan: 0°~360° ; Tilt: 0°~70° ; Rotation:0°~350°										
VIDEO IMAGE											
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG										
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile										
Resolution	4MP (2592×1520), 2K (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240, VGA(640×480)										
Main Stream	60Hz: 4MP/2K/3MP/1080P/720P (1~30fps); 50Hz: 4MP/2K/3MP/1080P/720P (1~25fps); HFT mode: 1080P/720P (60Hz : 1~30fps; 50Hz: 1~25fps)										
Sub Stream	60Hz: 720P/D1/CIF/VGA (1~30fps); 50Hz: 720P/D1/CIF/VGA (1~25fps)										
Third Stream	60Hz: D1/480x240/CIF (1~30fps); 50Hz: D1/480x240/CIF (1~25fps)										
Video Bit Rate	64 Kbps ~ 8 Mbps (CBR / VBR Adjustable)										
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser										
ROI	Each ROI to be configured separately										
NETWORK / INTERFACE											
Network	1 x RJ45 10M / 100M Self-Adaptive Ethernet port										
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS										
Interface Protocol	ONVIF (Profile S, G, T, M)										
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission										
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP										
Storage	Network remote storage; micro SD card storage (256GB)										
Video Output	No										
Audio	1CH audio input; 1CH build-in MIC										
Audio Compression	G711A / U										
Alarm	No										
Hardware Reset	Yes										
DORI DISTANCE											
	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect</th> <th>Observe</th> <th>Recognize</th> <th>Identify</th> </tr> </thead> <tbody> <tr> <td>2.8mm</td> <td>199.11ft (60.69m)</td> <td>97.65ft (24.28m)</td> <td>39.82ft (12.14m)</td> <td>19.91ft (6.07m)</td> </tr> </tbody> </table>	Lens	Detect	Observe	Recognize	Identify	2.8mm	199.11ft (60.69m)	97.65ft (24.28m)	39.82ft (12.14m)	19.91ft (6.07m)
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2.8mm	199.11ft (60.69m)	97.65ft (24.28m)	39.82ft (12.14m)	19.91ft (6.07m)							
FUNCTIONS											
Remote Monitoring	Web Browser Interface, Mobile App, AVYCON CVMS 2.0										
Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, cable disconnection										
Smart Analytics	Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/missing object detection, Target counting human/motor vehicle/non-motor vehicle by Line crossing, Exception detection, Face detection and Face capture										
Video Metadata	Simultaneously captures human body, motor vehicle, and non-motor vehicle and extracts 13 human features, 5 motor vehicle features, and 1 non-motor vehicle feature.										
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern										
GENERAL											
Power Supply	D12V/POE(IEEE802.3af)										
Power Consumption	<6W										
Operating Environment	-30°C ~ 60°C (-22°F ~ 140°F) Humidity: less than 95% (non-condensing)										
Storage Environment	-30°C ~ 65°C (-22°F ~ 149°F) Humidity: less than 95% (non-condensing)										
Dimensions (in)	Ø 4.33 × 2.35										
Weight (lb)	Approx. 0.83 lbs										
Ingress Protection	IP66										
Certificate	CE, FCC										
Installation	Ceiling mounting; Wall mounting										
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)										



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phone: 949-752-7606
 email: info@avycon.com
 social: @avycon_aivo
 website: avycon.com